

**Compounds For Intracellular Delivery
Of Therapeutic Moieties To Nerve Cells**

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ABSTRACT

A method for improving intracellular administration of a therapeutic agent is provided comprising: contacting cells with a compound comprising
5 a charged derivative of a therapeutic agent having a therapeutic activity,
the charged derivative being conjugated to a protein having a biological
activity of being transported across a cell membrane into a cell; and having
the cell transport the compound into the cell where the cell metabolizes at
least a portion of the compound to form a charged metabolite product that
10 possesses the therapeutic activity of the therapeutic agent, the charged
metabolite product being less prone to being transported across the cell
membrane out of the cell relative to the compound and less prone to being
transported across the cell membrane out of the cell relative to the
therapeutic agent.

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